

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/02269

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C09J 05/02; B32B 07/12 US CL : 156/308.8, 314, 317, 324.4, 336; 428/350 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 156/308.8, 314, 317, 324.4, 336; 428/350 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0102080 A1 (MALLIK) 05 June 2003 (05.06.2003), paragraphs 18-21.	1-4, 11, 14, 15
---		-----
Y		5-10, 12, 13, 16, 17
Y	US 6,306,242 B1 (DROZNEK) 23 October 2001 (23.10.2001), column 5, lines 19-67, column 6, lines 1-12.	1-16
---		-----
X		17
Y	US 3,535,275 A (GILBERT) 20 October 1970 (20.10.1970), column 2, lines 11-13.	1-15, 17
---		-----
X		16
Y	US 3,427,301 (NEEDLES et al) 11 February 1969 (11.02.1969), column 2, lines 7-20.	1-17
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
Special categories of cited documents:		
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	
"P" document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search	Date of mailing of the international search report	
10 May 2005 (10.05.2005)	20 MAY 2005	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer Blaine Copenheaver Telephone No. 703-308-0661	